

ABSTRACT

Disclosed is a method of producing replicates of sample nucleic acids. The method can include providing an insoluble support comprising attached oligonucleotides, annealing sample nucleic acids to the attached oligonucleotides; constructing template nucleic acids by extending the attached oligonucleotides using a polymerase; and transcribing the template nucleic acids to produce RNA replicates of the sample nucleic acids. The attached oligonucleotides comprise a promoter sequence and a target annealing sequence, and (2) the proximal end of the promoter sequence is spaced from the insoluble support by a predetermined distance.

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